

AMENDMENT  
Inventor: John M. Tremaine, Sr.

PATENT  
396-103

LISTING OF CLAIMS

1. (cancelled)

2. (cancelled)

3. (currently amended) A transformer system for use with either a dimmer switch or an on/off switch, as defined in Claim 1 10, wherein: said transformer is a toroidal transformer.

4. (currently amended) A transformer system for use with either a dimmer switch or an on/off switch, as defined in Claim 1 10, wherein: said transformer is a laminated transformer.

5. (currently amended) A transformer system for use with either a dimmer switch or an on/off switch, as defined in Claim 1 10, wherein: said transformer is an electronic transformer.

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6. (cancelled)

7. (currently amended) A method of using a transformer system for use with either a dimmer switch or an on/off switch, as defined in Claim 6 13, further comprising: providing said transformer as a toroidal transformer.

8. (currently amended) A method of using a transformer system for use with either a dimmer switch or an on/off switch, as defined in Claim 6 13, further comprising: providing said transformer as a laminated transformer.

9. (currently amended) A method of using a transformer system for use with either a dimmer switch or an on/off switch, as defined in Claim 6 13, further comprising: providing said transformer as an electronic transformer.

10. (new) A transformer system for use with either a dimmer switch or an on/off switch, comprising:

(a) a transformer; and

(b) said transformer being arranged such that an output voltage of said transformer across a load, when a dimmer switch is connected to said transformer, is approximately equal to that when an on/off switch is connected to said transformer, to offset a diminution in voltage because of said dimmer switch being connected to said transformer.

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11. (new) A transformer system for use with either a dimmer switch or an on/off switch, as defined in Claim 10, further comprising:

- (a) said transformer having a neutral connected to a primary thereof;
- (b) a first tap connected to said primary;
- (b) a second tap connected to said primary intermediate said neutral and said first tap;
- (c) when said dimmer switch is connected to said primary, it is connected between a line and said second tap; and
- (d) when said on/off switch is connected to said primary, it is connected between said line and said first tap.

12. (new) A transformer system for use with either a dimmer switch or an on/off switch, as defined in Claim 10, further comprising:

- (a) said transformer having a primary with a neutral connected to said primary and with a line connected to said primary; and
- (b) said transformer having a secondary with a common connected to said load and a third tap connected to said secondary;
- (c) a fourth tap connected to said secondary intermediate said common and said third tap;
- (b) when said dimmer switch is connected between said line and said primary, said third tap is connected to said load; and
- (c) when said on/off switch is connected between said line and said primary, said fourth tap is connected to said load.

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13. (new) A method of using a transformer system for use with either a dimmer switch or an on/off switch, comprising:

(a) providing a transformer; and

(b) arranging said transformer such that an output voltage of said transformer across a load, when a dimmer switch is connected to said transformer, is approximately equal to that when an on/off switch is connected to said transformer, to offset a diminution in voltage because of said dimmer switch being connected to said transformer.

14. (new) A method of using a transformer system for use with either a dimmer switch or an on/off switch, as defined in Claim 13, further comprising:

(a) providing said transformer having a neutral connected to a primary thereof;

(b) providing a first tap connected to said primary;

(b) providing a second tap connected to said primary intermediate said neutral and said first tap;

(c) when said dimmer switch is connected to said primary, it is connected between a line and said second tap; and

(d) when said on/off switch is connected to said primary, it is connected between said line and said first tap.

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15. (new) A method of using a transformer system for use with either a dimmer switch or an on/off switch, as defined in Claim 13, further comprising:

(a) providing said transformer having a primary with a neutral connected to said primary and with a line connected to said primary; and

(b) providing said transformer having a secondary with a common connected to said load and a third tap connected to said secondary;

(c) providing a fourth tap connected to said secondary intermediate said common and said third tap;

(b) when said dimmer switch is connected between said line and said primary, said third tap is connected to said load; and

(c) when said on/off switch is connected between said line and said primary, said fourth tap is connected to said load.